



US Army Corps  
of Engineers  
Seattle District

# Public Notice of Application for Permit

Regulatory Branch  
Post Office Box 3755  
Seattle, Washington 98124-3755  
Telephone (206) 764-3495  
ATTN: Jessica Winkler, Project Manager

Public Notice Date: June 14, 2005  
Expiration Date: July 14, 2005  
Reference: 200500226  
Name: Port of Seattle

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Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 10 of the Rivers and Harbors Act of 1899, and Section 404 of the Clean Water Act for certain work described below and shown on the enclosed drawings.

**APPLICANT:** Port of Seattle  
Post Office Box 1209  
Seattle, Washington 98111  
ATTN: George Blomberg  
Telephone: (206) 728-3194

**LOCATION:** At Terminal 115, in the lower Duwamish Waterway, at Seattle, Washington.

**WORK:** Repair an existing concrete piling supported pier and replace three creosote piling supported piers with a single concrete piling u-shape barge loading pier measuring 134 ft by 100 ft, which will consist of the replacement of 295 (16.5 in) concrete piling and 260 creosote piling with up to 340 (24 in) concrete piling, 22 (24 in) steel batter piling, and 31 (24 in) steel fender piling. Install two barge loading ramps, each 22 ft by 106 ft. Install three steel piling dolphins, each consisting of one 36 in steel pipe pile braced by two 20 in steel pipe piles. The steel pipe piling installed on-site will be filled with a total of up to 185 cy of clean sand. A six inch layer of clean sand will be placed in location where creosote piling are removed, totaling up to 130 cubic yards (cy) of clean sand. Overwater coverage will be reduced by approximately 750 square feet as a result of the proposed work.

**PURPOSE:** Maintain and improve an existing barge loading facility.

**ADDITIONAL INFORMATION:** The proposed work is located within the Lower Duwamish Superfund site. Coordination with the Environmental Protection Agency has been initiated.

**ENDANGERED SPECIES:** The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. The Puget Sound Chinook (*Oncorhynchus tshawytscha*), threatened, Coastal/Puget Sound bull trout (*Salvelinus confluentus*), threatened, bald eagle (*Haliaeetus leucocephalus*) threatened, Steller sea lion (*Eumetopias jubatus*), threatened, Humpback whale (*Megaptera novaeangliae*), endangered, Leatherback sea turtle (*Dermochelys coriacea*), endangered, and Puget Sound Killer whale (*Orcinus orca*), proposed for listing in the state of Washington, may occur in the proposed project area. For Stellar sea lion, critical habitat has been designated and for Chinook and bull trout, critical habitat has been proposed. After receipt of comments from this public notice, the U.S. Army Corps of Engineers will

evaluate the potential impacts to the Chinook, bull trout, bald eagle, Steller sea lion, Humpback whale, leatherback sea turtle, and Killer whale.

**ESSENTIAL FISH HABITAT:** The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact approximately 3.2 acres of EFH for Pacific salmon, Groundfish, and Coastal Pelagic Species in the project area.

If the U.S. Army Corps of Engineers (Corps) determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

**CULTURAL RESOURCES:** The District Engineer has reviewed the latest published version of the National Register of Historic Places, lists of properties determined eligible and other sources of information. There are no recorded historic properties within the permit area. The permit area has been so extensively modified by modern development that little likelihood exists for the proposed project to impinge upon an undisturbed historic property. The District Engineer invites responses to this public notice from Native American Nations or tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns with historic properties in the area. This public notice initiates consultation under Section 106 of the National Historic Preservation Act (36 CFR 800.4[a][3]), with any Tribe that has information or concerns with historic properties in the proposed permit area.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

**EVALUATION:** The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers (Corps) is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

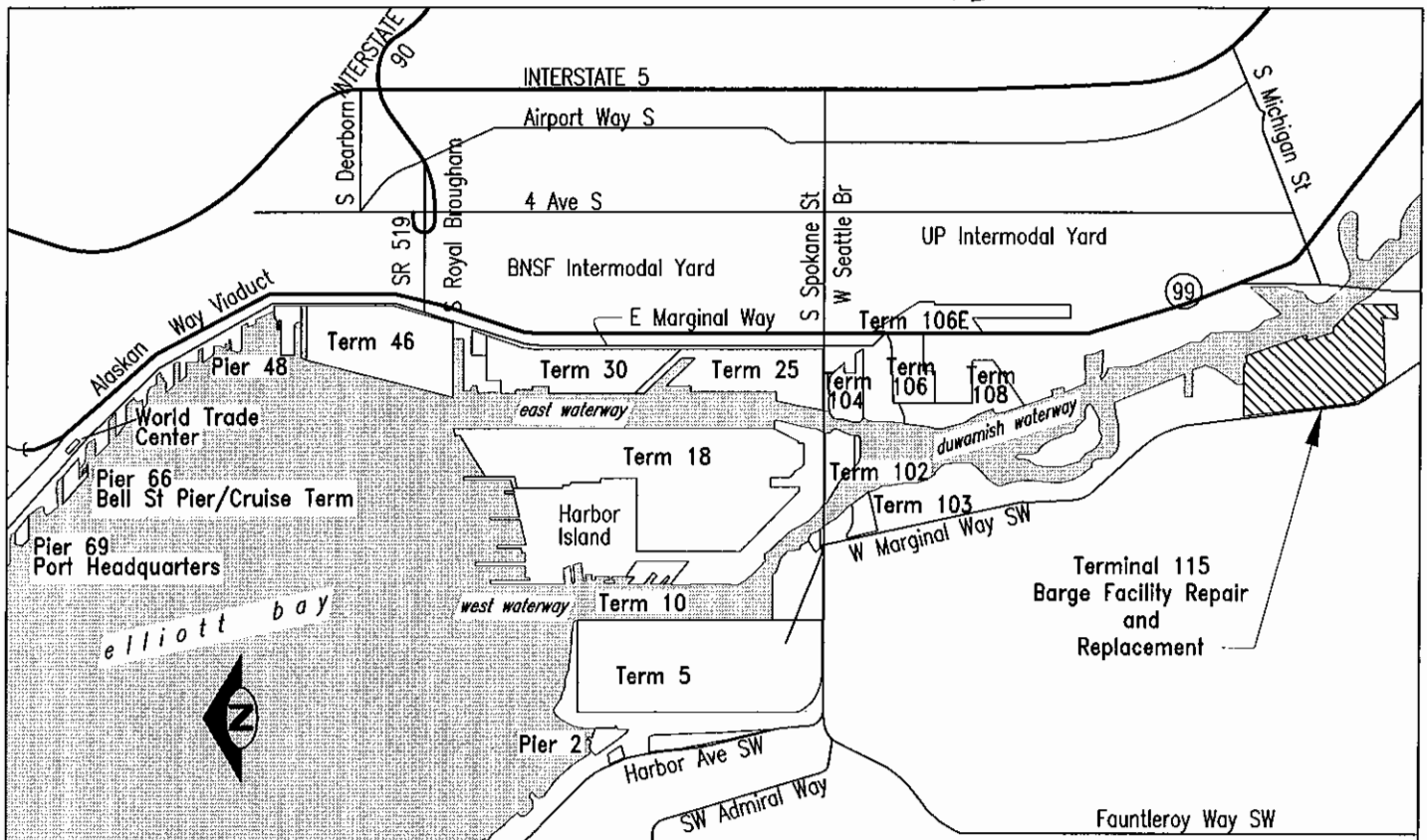
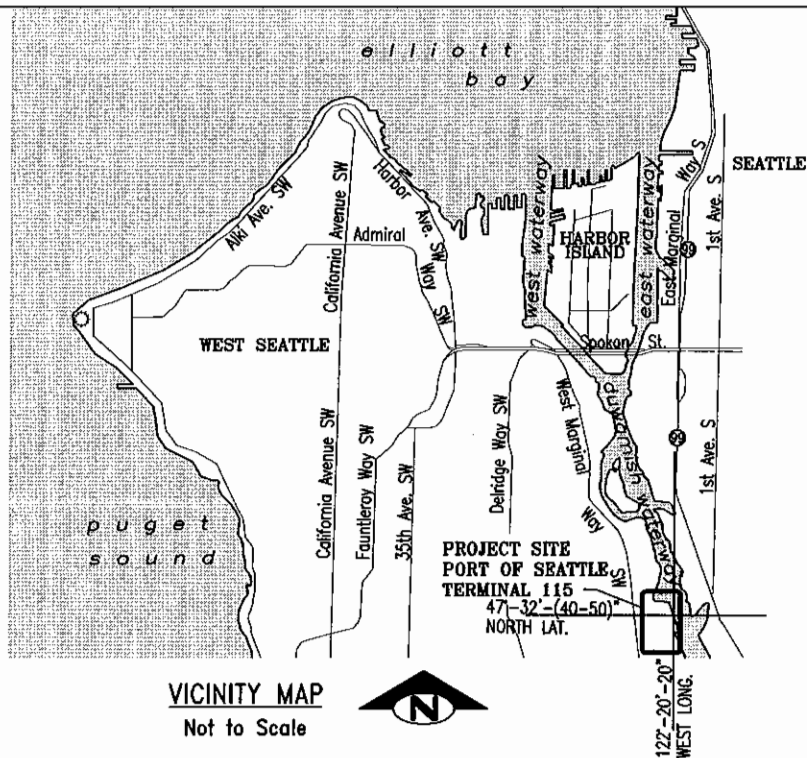
The proposed discharge will be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the Clean Water Act. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

**ADDITIONAL EVALUATION:** The State of Washington is reviewing this work for consistency with the approved Washington Coastal Zone Management Program and for compliance with the applicable State and Federal water quality standards pursuant to Section 401 of the Clean Water Act. This proposal is the subject of Shorelines Substantial Development Permit, being processed by the City of Seattle.

**COMMENT AND REVIEW PERIOD:** Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether it would be in the public interest to authorize this proposal. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. All e-mail comments should be sent to [Jessica.G.Winkler@usace.army.mil](mailto:Jessica.G.Winkler@usace.army.mil). Conventional mail comments should be sent U.S. Army Corps of Engineers, Regulatory Branch, Post Office Box 3755, Seattle, Washington, 98124-3755. Both conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commentor's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration. Please include the following name and reference number:

Port of Seattle, 200500226

Encl  
Drawings (12)



PURPOSE:  
REPAIR PORTIONS OF EXISTING CONCRETE  
CARGO PIER. INSTALL NEW CONCRETE  
PILING PIER, BARGE LOADING RAMPS, AND  
MOORAGE DOLPHINS.

**200500226**

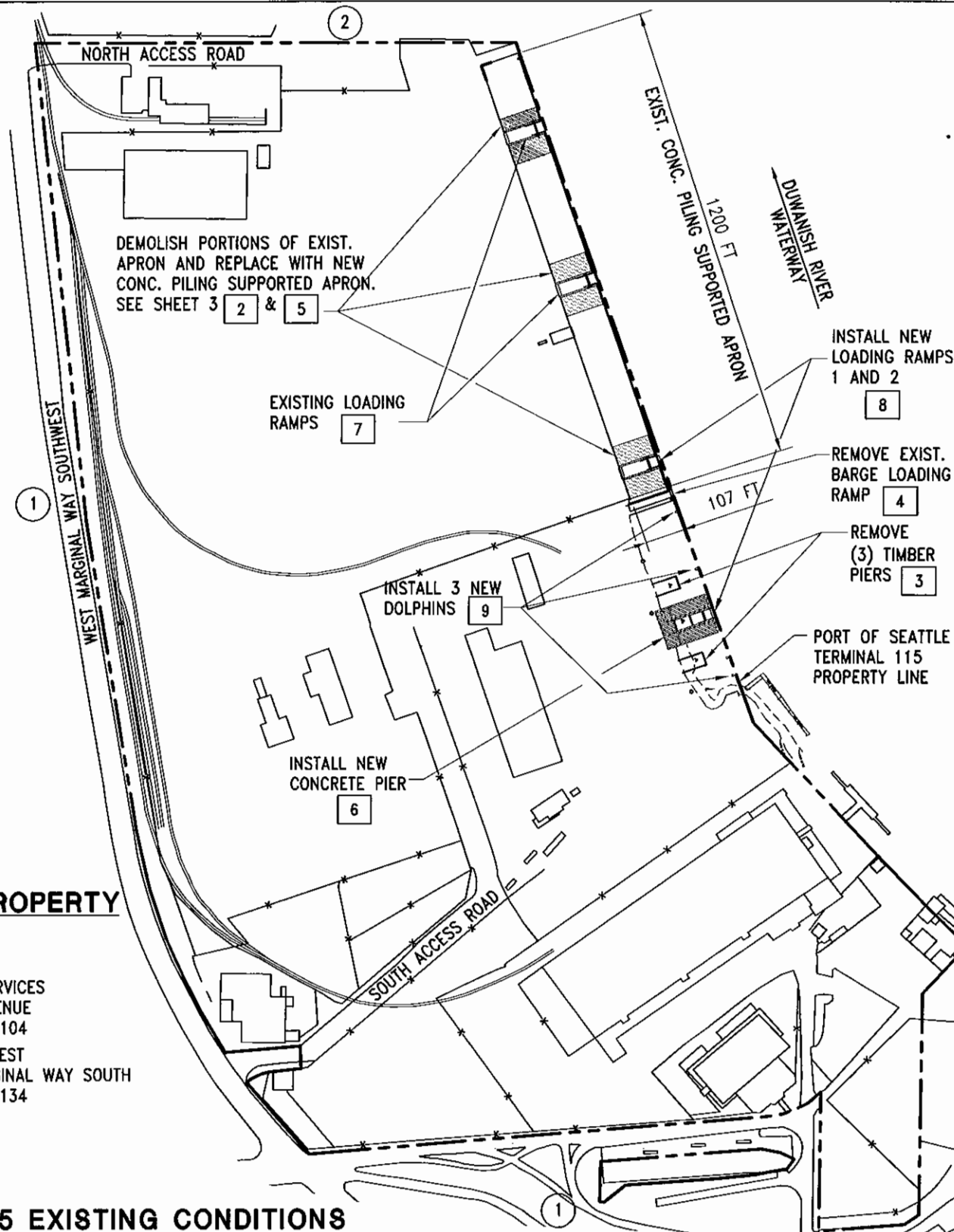
**VICINITY MAP  
TERMINAL 115 IMPROVEMENTS**



**Port of Seattle  
MARINE FACILITIES**

**TERMINAL 115 - BARGE FACILITY  
REPAIR AND REPLACEMENT**

IN: ELLIOTT BAY  
AT: CITY OF SEATTLE  
COUNTY OF: KING ST: WA  
APPLICATION BY: PORT OF SEATTLE  
SHEET: 1 of 12 DATE: 02/15/05



PURPOSE:  
REPAIR PORTIONS OF EXISTING CONCRETE  
CARGO PIER. INSTALL NEW CONCRETE  
PILING PIER, BARGE LOADING RAMPS, AND  
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**PROJECT SITE PLAN  
TERMINAL 115 IMPROVEMENTS**



**Port of Seattle  
MARINE FACILITIES**

TERMINAL 115 - BARGE FACILITY  
REPAIR AND REPLACEMENT

IN: ELLIOTT BAY  
AT: CITY OF SEATTLE  
COUNTY OF: KING ST: WA  
APPLICATION BY: PORT OF SEATTLE  
SHEET: 2 of 12 DATE: 02/15/05

## NOTES:

- 1 THIS WORK WILL BE COMPLETED IN 2 PHASES DURING IN-WATER CONSTRUCTION PERIODS IN 2005 AND 2006-2007. THE EXISTING RIPRAP SLOPE WILL REMAIN AS IS AND NO DREDGING WILL BE INCLUDED IN THIS WORK.
- 2 DEMOLISH PORTIONS OF EXISTING DETERIORATED CONCRETE APRON HAVING A CUMULATIVE OVER WATER AREA OF APPROXIMATELY 38,100 SF. CONCRETE SUPPORT PILING WILL BE BROKEN OFF AT THE MUDLINE EXCEPT THOSE THAT NEED TO BE EXTRACTED DUE TO INTERFERENCE WITH NEW PILING. 260 VERTICAL PILES WILL BE BROKEN OFF OR EXTRACTED. 35 BATTER PILES WILL BE BROKEN OFF. UP TO 40 EXISTING CREOSOTE TIMBER FENDER PILES ADJACENT TO CONCRETE APRON DEMOLITION AREAS WILL BE EXTRACTED. THE EXISTING SHEET PILE BULKHEAD WILL REMAIN AND BE REUSED.
- 3 DEMOLISH THREE EXISTING TIMBER PIERS HAVING A CUMULATIVE OVER WATER AREA OF APPROXIMATELY 6220 SF. EXTRACT 162 VERTICAL CREOSOTE TIMBER SUPPORT PILES. EXTRACT 18 CREOSOTE TIMBER BATTER PILES AND 40 CREOSOTE TIMBER FENDER PILES. REMOVE APPROXIMATELY 110 LF OF CREOSOTE TIMBER SHEET PILE AND CONFIGURE SLOPE TO MATCH EXISTING.
- 4 REMOVE EXISTING STEEL BARGE LOADING RAMP, HAVING A TOTAL AREA OF 3720 SF.
- 5 CONSTRUCT REPLACEMENT CONCRETE APRON SEGMENTS IN AREA OF EXISTING DETERIORATED APRON WITH A CUMULATIVE OVER WATER AREA OF APPROXIMATELY 34,030 SF. INSTALL UP TO 250 NEW CONCRETE VERTICAL PILES. INSTALL UP TO 25 NEW STEEL FENDER PILES TO REPLACE EXISTING TIMBER FENDER PILES. THE WATER WARD EDGE OF THE NEW SYSTEM WILL MATCH THE EDGE OF THE EXISTING FENDER SYSTEM. INSTALL (4) 24" DIAMETER STEEL BATTER PILES AT 38' WIDE APRON SEGMENT AND (6) 24" DIAMETER STEEL BATTER PILES AT 65' AND 58' WIDE APRON SEGMENTS.
- 6 CONSTRUCT NEW LOADING PIER AND RAMP SUPPORT STRUCTURE IN AREA OF EXISTING TIMBER PIERS WITH A TOTAL OVER WATER AREA OF APPROXIMATELY 7720 SF. INSTALL UP TO 90 NEW 24" CONCRETE OCTAGONAL VERTICAL PILES AND (12) 24" DIAMETER STEEL BATTER PILES. INSTALL UP TO 6 NEW STEEL FENDER PILES WITH THE WATER WARD EDGE OF THE NEW FENDER SYSTEM IN LINE WITH THAT OF THE EXISTING CONCRETE APRON FENDER SYSTEM.
- 7 APRON REMOVAL AND REPLACEMENT WITH BARGE LOADING RAMPS WAS COMPLETED IN 2003-2004 AS A SEPARATE PERMIT, CORPS OF ENGINEERS REFERENCE NUMBER 200300307. EXISTING RAMPS ARE TO REMAIN.
- 8 INSTALL (2) NEW STEEL BARGE LOADING RAMPS, WITH APPROXIMATE AREA OF 2332 SF EACH, TO MATCH EXISTING RAMPS. THE RAMP SUPPORT WILL INCLUDE UP TO (6) 16" DIAMETER AND (2) 24" DIAMETER STEEL BATTER PILES FOR EACH RAMP.
- 9 INSTALL (3) NEW DOLPHINS, EACH CONSTRUCTED OF (1) 36"Ø VERTICAL GALVANIZED STEEL PIPE PILE AND (2) 20"Ø BATTERED GALVANIZED STEEL PIPE PILES.
- 10 CLEAN SAND FILL MATERIAL WILL BE PLACED UP TO SIX INCHES IN DEPTH AT ALL LOCATIONS WHERE CREOSOTE PILING ARE EXTRACTED. UP TO 0.36 CUBIC YARDS SAND CAP MATERIAL (SIX INCHES DEEP, 5 FEET DIAMETER), WILL BE APPLIED FOR EACH EXTRACTED FENDER PILE ADJACENT TO THE EXISTING 1200' LONG CARGO PIER (UP TO 15 CUBIC YARDS TOTAL). UP TO SIX INCHES DEEP CLEAN SAND CAP WILL BE APPLIED TO TOTAL AREA OF CREOSOTE PIER DEMOLITION, INCLUDING FENDER PILING LOCATIONS (UP TO 115 CUBIC YARDS TOTAL). UP TO 130 CUBIC YARDS OF CLEAN SAND WILL BE USED AS CAP MATERIAL IN LOCATIONS WHERE CREOSOTE PILING ARE EXTRACTED. UP TO 185 CUBIC YARDS OF CLEAN SAND WILL BE USED TO FILL THE INTERIOR OF STEEL FENDER PILING AND STEEL PILING USED FOR MOORAGE DOLPHINS. A TOTAL OF UP TO 315 CUBIC YARDS OF CLEAN SAND FILL IS PROPOSED.

PURPOSE:  
REPAIR PORTIONS OF EXISTING CONCRETE  
CARGO PIER. INSTALL NEW CONCRETE  
PILING PIER, BARGE LOADING RAMPS, AND  
MOORAGE DOLPHINS.

200500226

### PROJECT NOTES TERMINAL 115 IMPROVEMENTS



Port of Seattle  
MARINE FACILITIES

TERMINAL 115 - BARGE FACILITY  
REPAIR AND REPLACEMENT

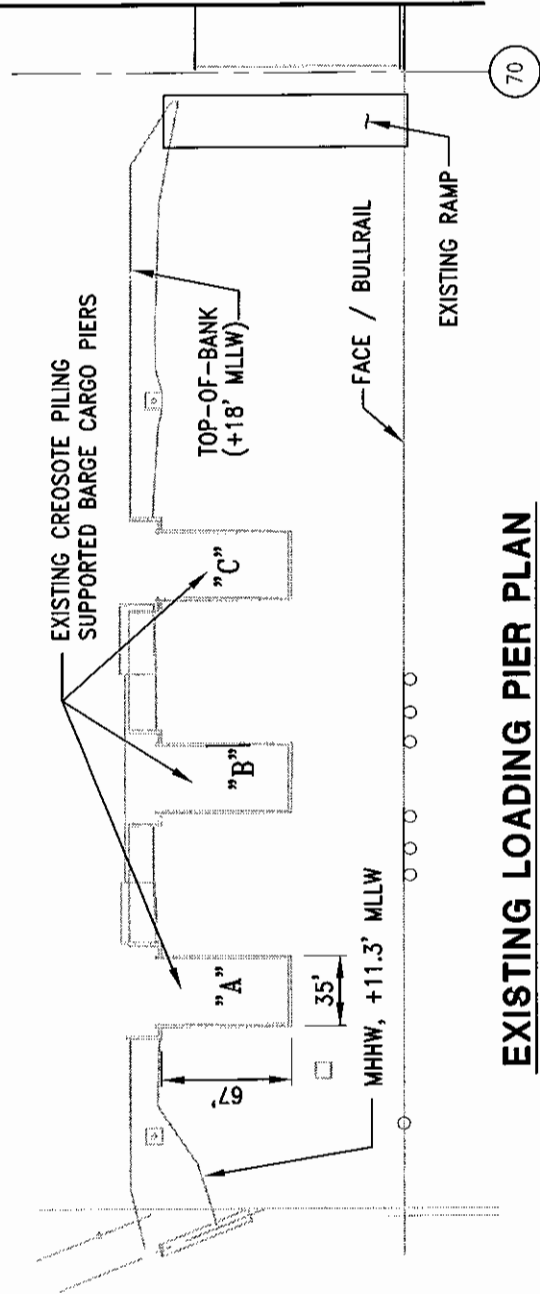
IN: ELLIOTT BAY  
AT: CITY OF SEATTLE  
COUNTY OF: KING ST: WA  
APPLICATION BY: PORT OF SEATTLE

SHEET: 3 of 12 DATE: 02/15/05



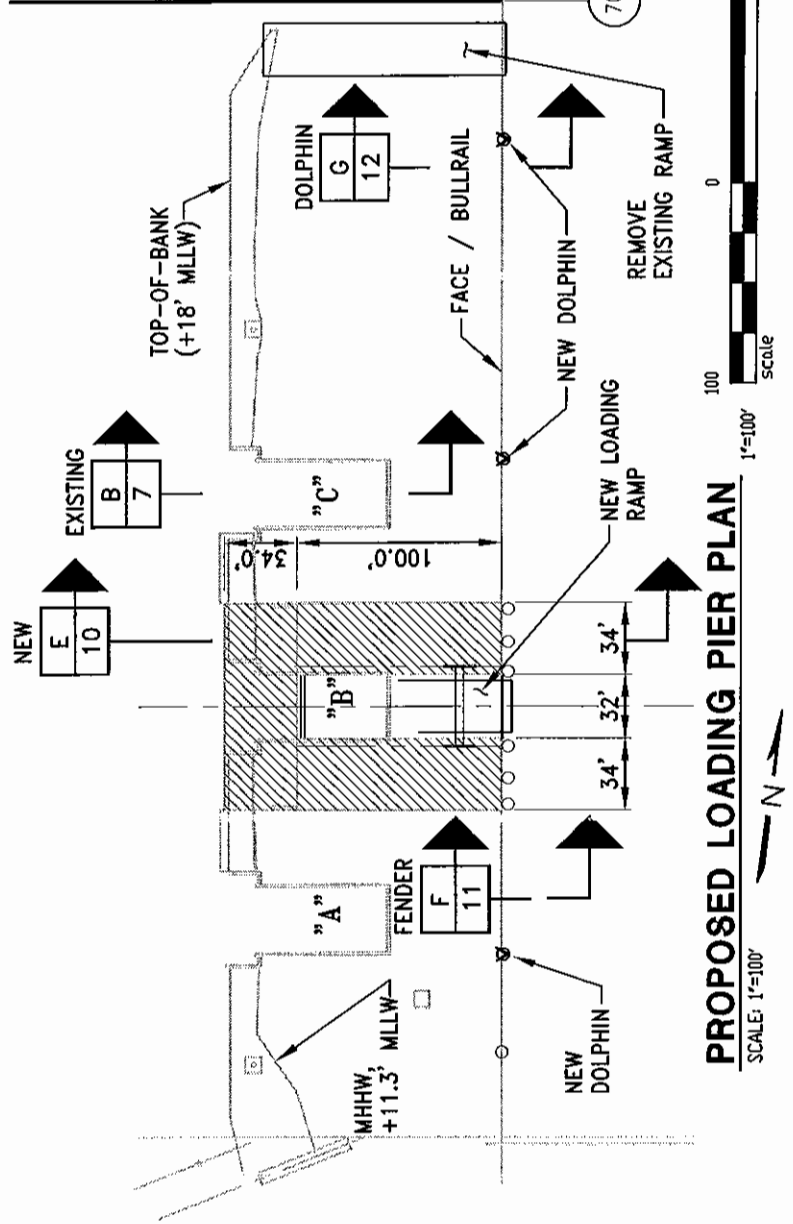
MATCHLINE - SEE SHEET 4

MATCHLINE - SEE SHEET 4



**EXISTING LOADING PIER PLAN**

SCALE: 1"=100'



**PROPOSED LOADING PIER PLAN**

SCALE: 1"=100'

PURPOSE:  
REPAIR PORTIONS OF EXISTING CONCRETE  
CARGO PIER. INSTALL NEW CONCRETE  
PILING PIER, BARGE LOADING RAMPS, AND  
MOORAGE DOLPHINS.

**LOADING PIER PLAN  
TERMINAL 115 IMPROVEMENTS**



TERMINAL 115 - BARGE FACILITY  
REPAIR AND REPLACEMENT

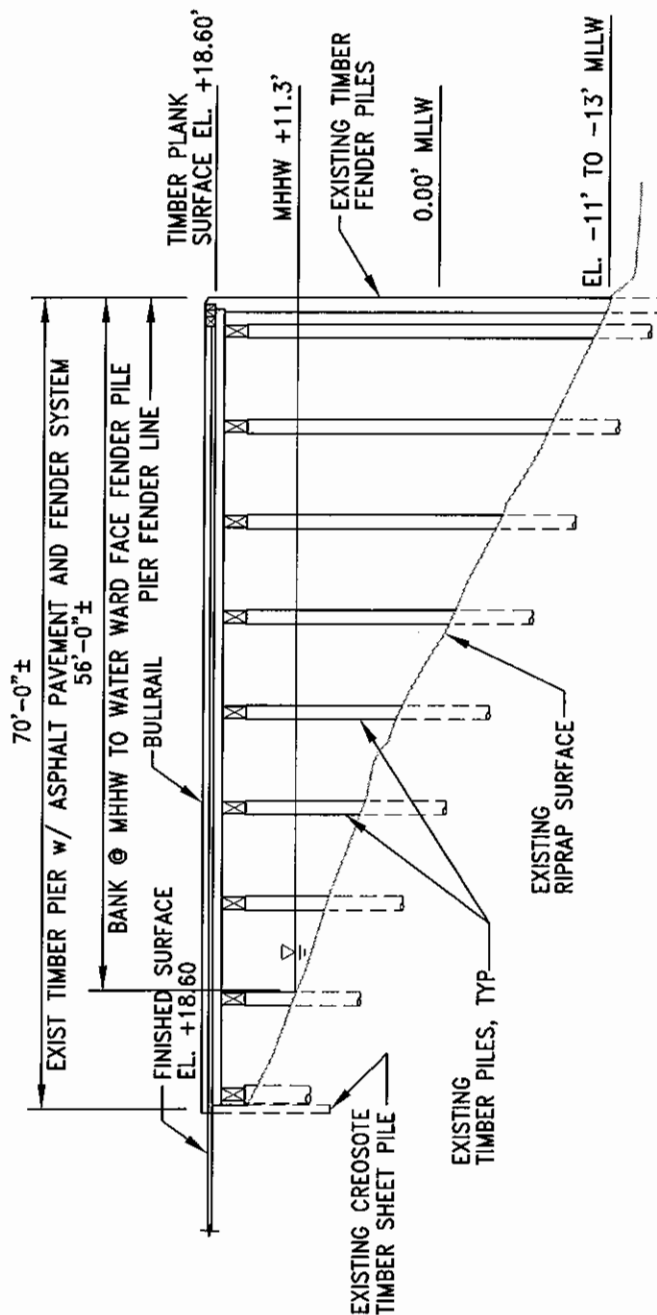
IN: ELLIOTT BAY  
AT: CITY OF SEATTLE  
COUNTY OF: KING ST: WA  
APPLICATION BY: PORT OF SEATTLE

SHEET: 5 of 12 DATE: 02/15/05

200500226







### TYPICAL SECTION

EXIST TIMBER PIER DEMOLITION

SCALE: 1/16"=1'-0"



PURPOSE:  
REPAIR PORTIONS OF EXISTING CONCRETE  
CARGO PIER. INSTALL NEW CONCRETE  
PILING PIER, BARGE LOADING RAMPS, AND  
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200500226

### LOADING PIER SECTION TERMINAL 115 IMPROVEMENTS



Port of Seattle  
MARINE FACILITIES

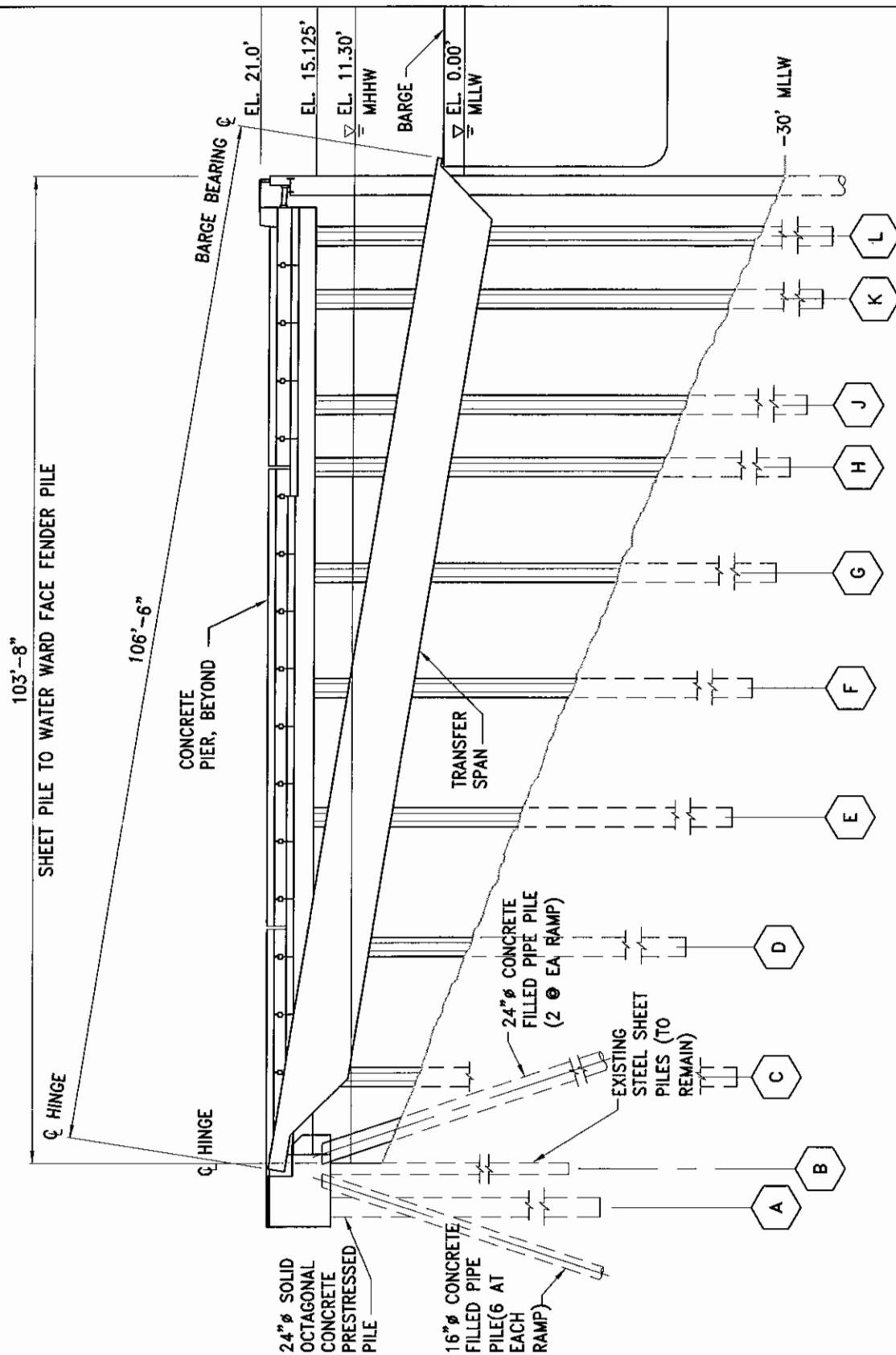
TERMINAL 115 - BARGE FACILITY  
REPAIR AND REPLACEMENT

IN: ELLIOTT BAY  
AT: CITY OF SEATTLE  
COUNTY OF: KING ST: WA  
APPLICATION BY: PORT OF SEATTLE

SHEET: 7 of 12 DATE: 02/15/05



SHEET: 8 of 12      DATE: 02/15/05

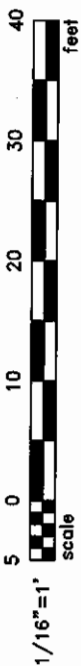


NOTE:

FOR INFORMATION NOT SHOWN, SEE SECTION C ON SHEET 8 OF 12.

# **TYPICAL APRON SECTION**

NEW STEEL BARGE LOADING RAMP  
SCALE: 1/16"=1'-0"



PURPOSE:  
REPAIR PORTIONS OF EXISTING CONCRETE CARGO PIER. INSTALL NEW CONCRETE PILING PIER, BARGE LOADING RAMPS, AND MOORAGE DOLPHINS.

200500226

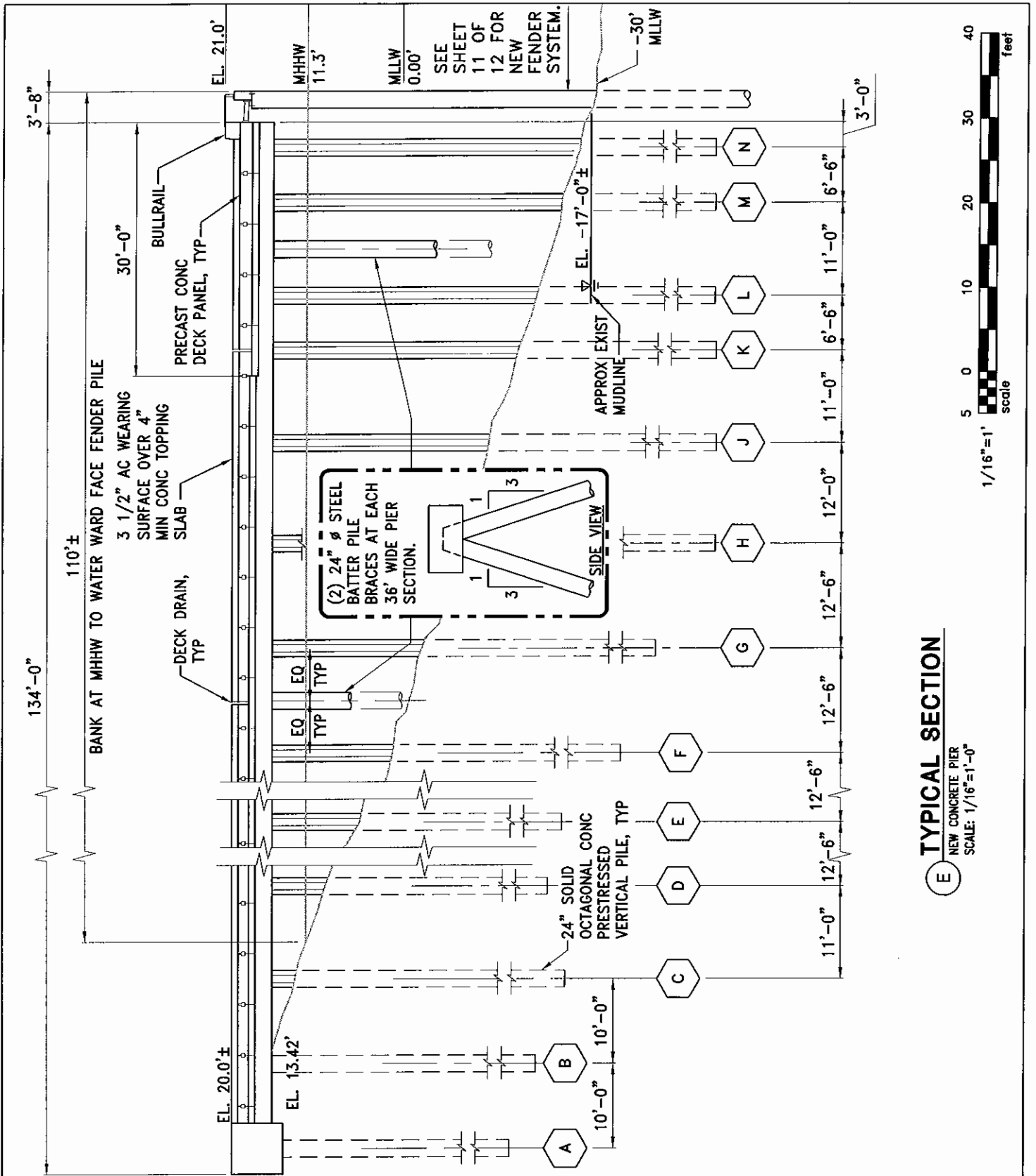
**BARGE RAMP SECTION**  
**TERMINAL 115 IMPROVEMENTS**

**Port of Seattle**  
**MARINE FACILITIES**

TERMINAL 115 - BARGE FACILITY  
REPAIR AND REPLACEMENT

IN: ELLIOTT BAY  
AT: CITY OF SEATTLE  
COUNTY OF: KING ST: WA  
APPLICATION BY: PORT OF SEATTLE

SHEET: 9 of 12 DATE: 02/15/05



**TYPICAL SECTION**  
NEW CONCRETE PIER  
SCALE: 1/16"=1'-0"

PURPOSE:  
REPAIR PORTIONS OF EXISTING CONCRETE  
CARGO PIER. INSTALL NEW CONCRETE  
PILING PIER, BARGE LOADING RAMPS, AND  
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200500226

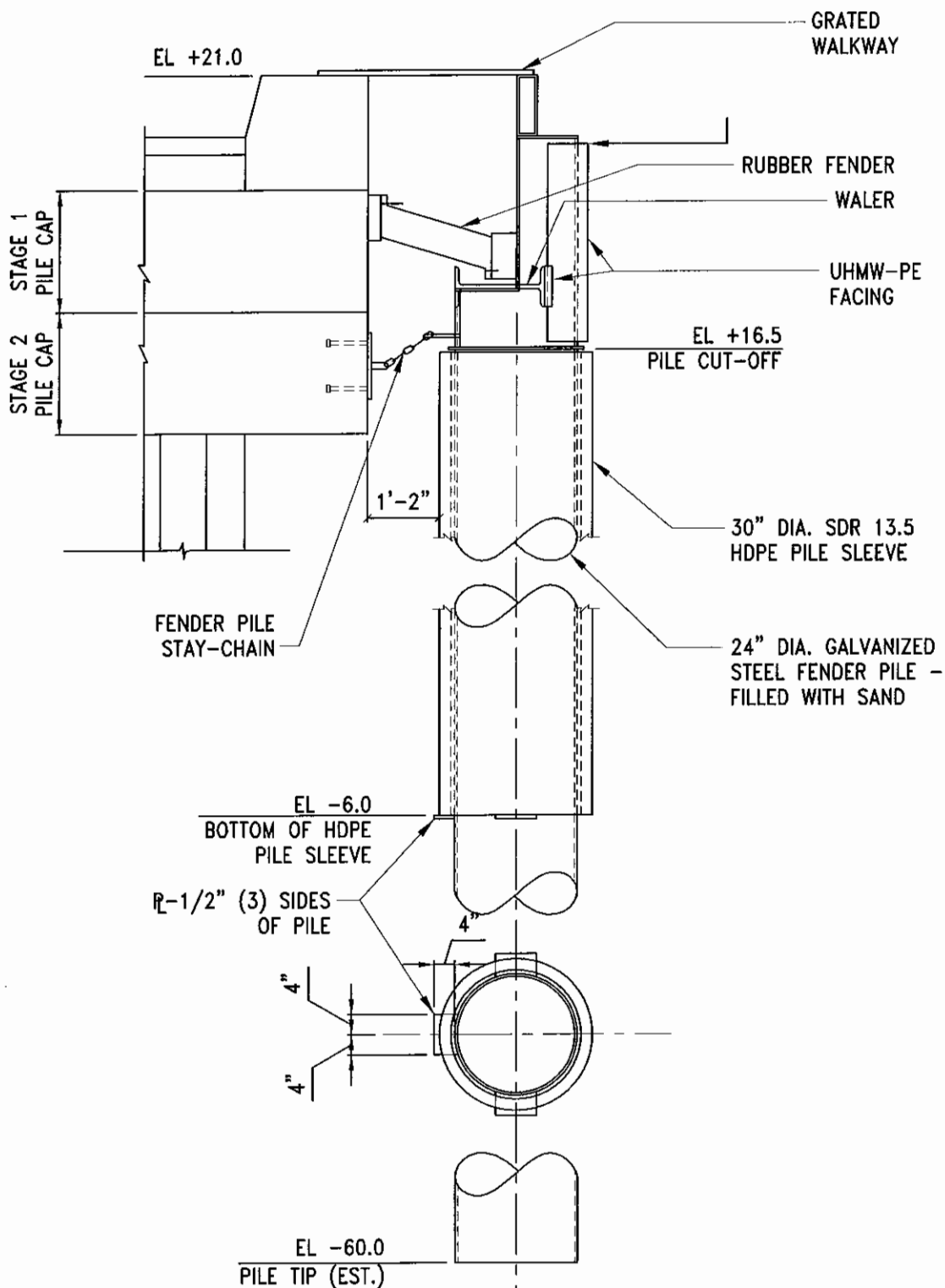
**LOADING PIER SECTION**  
TERMINAL 115 IMPROVEMENTS



**Port of Seattle**  
**MARINE FACILITIES**

TERMINAL 115 - BARGE FACILITY  
REPAIR AND REPLACEMENT

IN: ELLIOTT BAY  
AT: CITY OF SEATTLE  
COUNTY OF: KING ST: WA  
APPLICATION BY: PORT OF SEATTLE  
SHEET: 10 of 12 DATE: 02/15/05




**(F) TYPICAL SECTION**  
FENDER SYSTEM  
SCALE: 3/8"=1'-0"

PURPOSE:  
REPAIR PORTIONS OF EXISTING CONCRETE  
CARGO PIER. INSTALL NEW CONCRETE  
PILING PIER, BARGE LOADING RAMPS, AND  
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**200500226**

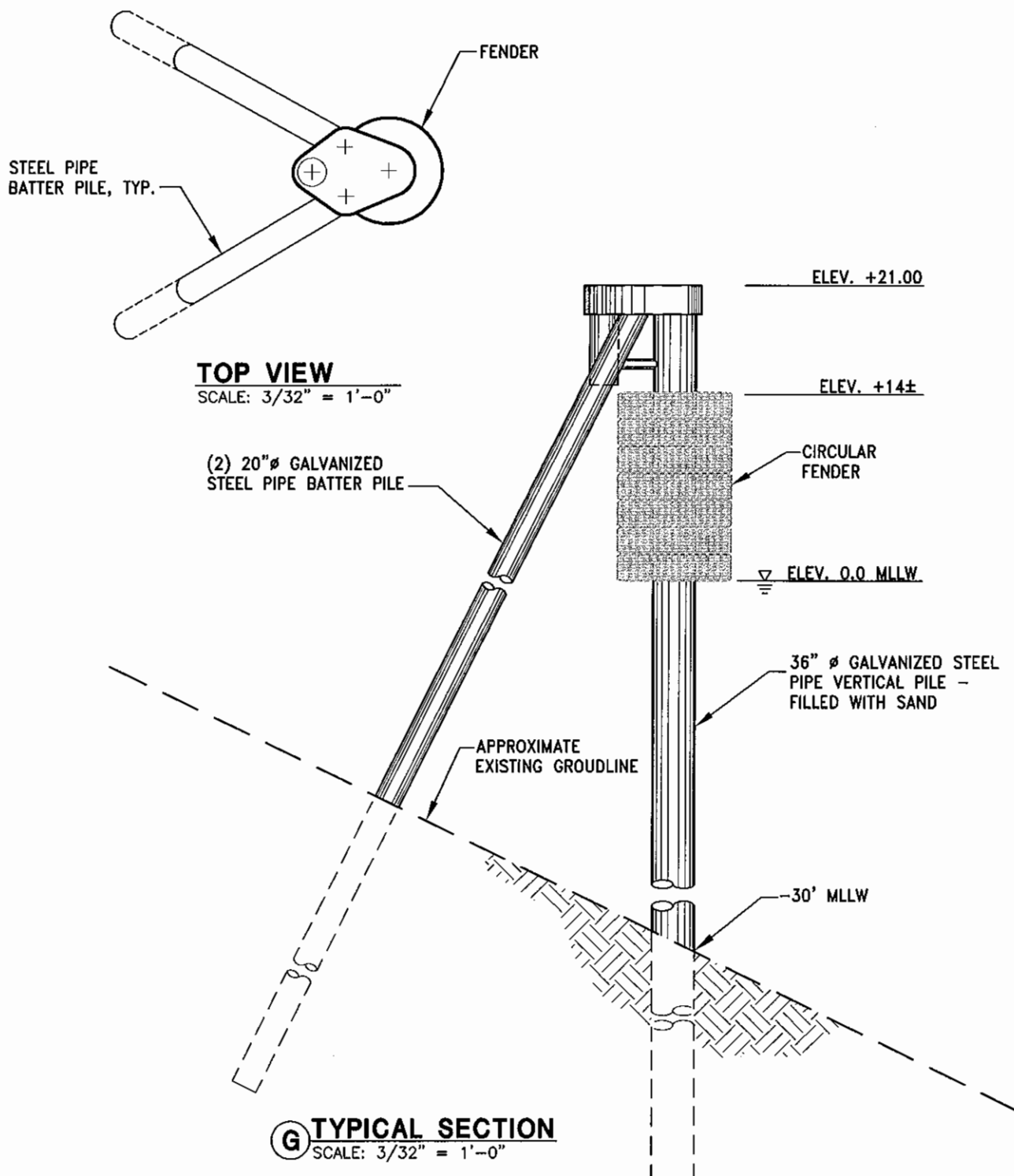
**FENDER SYSTEM**  
**TERMINAL 115 IMPROVEMENTS**

 **Port of Seattle**  
**MARINE FACILITIES**

TERMINAL 115 - BARGE FACILITY  
REPAIR AND REPLACEMENT

IN: ELLIOTT BAY  
AT: CITY OF SEATTLE  
COUNTY OF: KING ST: WA  
APPLICATION BY: PORT OF SEATTLE

SHEET: 11 of 12 DATE: 02/15/05



PURPOSE:  
REPAIR PORTIONS OF EXISTING CONCRETE  
CARGO PIER. INSTALL NEW CONCRETE  
PILING PIER, BARGE LOADING RAMPS, AND  
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200500226

**DOLPHIN SYSTEM**  
**TERMINAL 115 IMPROVEMENTS**



**Port of Seattle**  
**MARINE FACILITIES**

TERMINAL 115 - BARGE FACILITY  
REPAIR AND REPLACEMENT

IN: ELLIOTT BAY  
AT: CITY OF SEATTLE  
COUNTY OF: KING ST: WA  
APPLICATION BY: PORT OF SEATTLE  
SHEET: 12 of 12 DATE: 02/15/05



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

*P.O. Box 47600 • Olympia, Washington 98504-7600  
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006*

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

Notice of Application for  
Water Quality Certification  
and for  
Certification of Consistency with the  
Washington Coastal Zone Management Program

Date: June 14, 2005

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 401 of the federal Clean Water Act of 1977 (PL 95-217), to certify that the project described in the U.S. Army Corps of Engineers Public Notice No. 200500226 will comply with the Sections 301, 302, 303, 306, and 307 of the Act, and with applicable provisions of State and Federal water pollution control laws.

Notice is hereby given that a request has been filed with the Department of Ecology, pursuant to the requirements of Section 307© of the Federal Coastal Zone Management Act of 1972 (16 U.S.C. 1451), to certify that the above referenced project will comply with the Washington State Coastal Zone Management Program and that the project will be conducted in a manner consistent with that program.

Any person desiring to present views on the project pertaining to the project on either or both (1) compliance with water pollution control laws or (2) the project's compliance or consistency with the Washington State Coastal Zone Management Program may do so by providing written comments within 30 days of the above publication date to:

Federal Permit Coordinator  
Department of Ecology  
SEA Program  
Post Office Box 47600  
Olympia, Washington 98504-7600